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BULLETIN OF THE STATE UNIVERSITY OF IOWA

NEW SERIES NO. 57

MARCH, 1903

THE
STATE UNIVERSITY OF IOWA
IOWA CITY

ANNOUNCEMENT OF

**The School of
Political and Social Science**

WITH COURSES IN
COMMERCE AND ADMINISTRATION

1903-1904



PUBLISHED BY THE UNIVERSITY
IOWA CITY, IOWA
1903

THE UNIVERSITY BULLETINS PUBLISHED BY THE UNIVERSITY ARE
ISSUED EVERY SIX WEEKS, DURING THE ACADEMIC YEAR, AT LEAST SIX
NUMBERS EVERY CALENDAR YEAR. ENTERED AT THE POST OFFICE AS
SECOND CLASS MAIL MATTER

By authority of the Board of Regents separate announcements of the following colleges and schools will be sent gratuitously, postage paid, to all persons who apply for them: Graduate College, College of Liberal Arts, of Law, of Medicine, of Homoeopathic Medicine, of Dentistry, of Pharmacy, Iowa School of Political and Social Science, the Summer Session. In calling for announcements please state the college or school concerning which information is desired.

Address

THE PRESIDENT,
The State University of Iowa,
Iowa City, Iowa.

THE
STATE UNIVERSITY OF IOWA
IOWA CITY

ANNOUNCEMENT

OF THE

IOWA SCHOOL OF
POLITICAL AND SOCIAL SCIENCE

FOR UNIVERSITY AND GRADUATE STUDY

EMBRACING THE DEPARTMENTS OF

POLITICAL ECONOMY AND SOCIOLOGY,
INCLUDING COMMERCE;
HISTORY; AND POLITICAL SCIENCE.

1903-1904



IOWA CITY, IOWA

MAY, 1903

CALENDAR FOR 1903-1904

1903

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1904

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THE UNIVERSITY CALENDAR

1903-1904

1903

June 12, Friday	Anniversary exercises of the literary societies, 8 p. m.
June 14, Sunday	Baccalaureate address, 4 p. m.
June 15, Monday	Class Day exercises.
	Battalion drill and dress parade. Review by the Governor of Iowa, 4 p. m.
June 16, Tuesday	Alumni Day. Phi Beta Kappa address, 10 a. m. Alumni meeting, 2 p. m. Alumni dinner, 6 p. m.
June 17, Wednesday	Commencement, all colleges, 10 a. m. President's reception, 4 p. m.
June 18, 19, Thursday, Friday	Examination for admission to all colleges.
June 20, Saturday	Registration for the Summer Session begins, 9 a. m.
June 22, Monday	Instruction begins in the Summer Session, 7 a. m.
July 30, 31, Thursday, Friday	Examination by the State Board of Educational Examiners.
Aug. 1, Saturday	Summer Session ends.

SUMMER VACATION

Sept. 21, Monday	Examinations for admission. Registration in all colleges begins at 2 p. m.
Sept. 24, Thursday	Instruction begins in all colleges, 8 a. m. University Convocation; address by the President, 4 p. m.
Nov. 25, Wednesday	First quarter ends, 12 m. Thanksgiving recess, continuing until the following Tuesday.
Dec. 1, Tuesday	Second quarter begins, 8 a. m.
Dec. 24, Thursday	Holiday recess begins, 8 a. m.

THE STATE UNIVERSITY OF IOWA
1904

Jan. 6, Wednesday	Work resumed in all colleges, 8 A. M.
Feb. 13, Saturday	First semester ends, 6 P. M.
Feb. 15, Monday	Second semester begins, 8 A. M.
Feb. 20, Saturday	Annual lecture of the Sigma Xi, 8 P. M.
Feb. 22, Monday	University Convocation in celebration of Washington's birthday, 10:30 A. M.
April 14, Thursday	Third quarter ends, 6 P. M. All exercises suspended until the following Tuesday.
April 19, Tuesday	Fourth quarter begins, 8 A. M.
May 30, Monday	Decoration Day; all exercises suspended.
June 10, Friday	Anniversary exercises of the literary societies, 8 P. M.
June 12, Sunday	Baccalaureate address, 4 P. M.
June 13, Monday	Class Day exercises.
	Battalion drill and dress parade. Review by the Governor of Iowa, 4 P. M.
June 14, Tuesday	Alumni Day.
	Phi Beta Kappa address, 10 A. M.
	Alumni meeting, 2 P. M.
	Alumni dinner, 6 P. M.
June 15, Wednesday	Commencement, all colleges, 10 A. M.
	President's reception, 4 P. M.
June 16, 17, Thursday, Friday	Examinations for admission to all colleges.
June 18, Saturday	Registration for the Summer Session begins, 9 A. M.
June 20, Monday	Instruction begins in the Summer Session, 7 A. M.
July 28, 29, Thursday, Friday,	Examination by the State Board of Educational Examiners.
July 30, Saturday	Summer Session ends.
	SUMMER VACATION
Sept. 19, Monday	Examination for admission.
	Registration in all colleges begins at 2 P. M.
Sept. 24 Thursday	Instruction begins in all colleges at 8 A. M.

THE BOARD OF REGENTS

MEMBERS EX-OFFICIIS

*His Excellency, ALBERT B. CUMMINS, Governor
of Iowa*

RICHARD C. BARRETT,
Superintendent of Public Instruction

TERMS EXPIRE 1904

NINTH DISTRICT—SHIRLEY GILLILLAND, *Glenwood*
EIGHTH DISTRICT—HIRAM K. EVANS, *Corydon*
FIFTH DISTRICT—THOMAS B. HANLEY, *Tipton*

TERMS EXPIRE 1906

SIXTH DISTRICT—WILLIAM D. TISDALE, *Ottumwa*
FIRST DISTRICT—W. I. BABB, *Mt. Pleasant*
SECOND DISTRICT—GEORGE W. CABLE, *Davenport*
SEVENTH DISTRICT—CARROLL WRIGHT, *Des Moines*

TERMS EXPIRE 1908

FOURTH DISTRICT—ALONZO ABERNETHY, *Osage*
ELEVENTH DISTRICT—PARKER K. HOLBROOK, *Onawa*
TENTH DISTRICT—JOSEPH H. ALLEN, *Pocahontas*
THIRD DISTRICT—CHARLES E. PICKETT, *Waterloo*

OFFICERS OF THE BOARD

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WILLIAM JUDD McCHESNEY, <i>Iowa City</i>	SECRETARY
PARKER K. HOLBROOK	EXECUTIVE COMMITTEE
ALONZO ABERNETHY	
W. I. BABB	
GEORGE W. CABLE,.....	DELEGATE TO THE SENATE

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COLLEGE OF LIBERAL ARTS—Regents Richard C. Barrett, C. E. Pickett, Joseph H. Allen, Parker K. Holbrook, William D. Tisdale.

LEGISLATION—Regents C. E. Pickett, Shirley Gilliland, Alonzo Abernethy, Joseph H. Allen, Wm. D. Tisdale, Hiram K. Evans, W. I. Babb, Carroll Wright.

COLLEGE OF MEDICINE AND COLLEGE OF HOMEOPATHIC MEDICINE—Regents Carroll Wright, Richard C. Barrett, George W. Cable, W. I. Babb.

COLLEGE OF LAW—Regents Shirley Gilliland, Thomas B. Hanley, Hiram K. Evans, William D. Tisdale, Carroll Wright.

LIBRARY AND APPARATUS—Regents Parker K. Holbrook, Richard C. Barrett, Joseph H. Allen.

COLLEGE OF DENTISTRY—Regents Joseph H. Allen, Carroll Wright, Hiram K. Evans.

COLLEGE OF PHARMACY—Regents Hiram K. Evans, Thomas B. Hanley, Carroll Wright.

NATURAL HISTORY COLLECTIONS—Regents Thomas B. Hanley, Shirley Gilliland, Alonzo Abernethy.

HOSPITALS—Regents George W. Cable, William D. Tisdale, Shirley Gilliland.

EXECUTIVE COMMITTEE—Regents Parker K. Holbrook, W. I. Babb, Alonzo Abernethy.

GRADUATE COLLEGE—Regents William D. Tisdale, W. I. Babb, Hiram K. Evans, Alonzo Abernethy.

SALARIES COMMITTEE—Regents R. C. Barrett, Carroll Wright, Shirley Gilliland, Parker K. Holbrook, Joseph H. Allen, Hiram K. Evans.

HONORARY DEGREES—Regents Parker K. Holbrook, W. I. Babb, William D. Tisdale.

AUDITING—Regents William D. Tisdale, Thomas B. Hanley, Hiram K. Evans.

THE ADMINISTRATIVE OFFICERS

THE UNIVERSITY

GEORGE EDWIN MACLEAN, LL. D., PRESIDENT.

HARRY SANGER RICHARDS, LL. B., Secretary of the University Senate.

JOHN FRANKLIN BROWN, PH. D., Inspector of Schools.

THOMAS HUSTON MACBRIDE, Director University Extension.

J. PERCIVAL HUGGETT, M. Di., Acting University Examiner.

ALDEN ARTHUR KNIPE, M. D., Director of Physical Training.

ALICE YOUNG, B. L., Dean of Women.

BERTHA BELLE QUAINTANCE, B. A., Registrar.

ARTHUR FAIRBANKS, PH. D., University Editor.

LUTHER ALBERTUS BREWER, M. A., University Publisher.

ALICE BRADSTREET CHASE, Secretary to the President.

FIRST LIEUTENANT GEORGE RITTER BURNETT, U. S. A.,
Commandant of the Cadet Battalion.

SENATE BOARDS

ADVISORY, ON GENERAL NEEDS OF THE UNIVERSITY—The Deans.

ATHLETICS—Professors E. A. Wilcox, Nutting, Hosford, Whiteis, A. G. Smith, Burnett.

COMBINED COURSES—Professors Currier, Gregory, Andrews, Nutting, Loos, Rockwood, Guthrie, Royal, Hosford, Boerner.

LIBRARY—The President, Regent P. K. Holbrook, Professors Fairbanks, Nutting, Shambaugh, Andrews, Hayes, Breene, Dean; Mrs. Ridgway, Secretary.

MUSIC—Professors Knipe, Gilchrist, Gordon, Seashore, Smith, Bierring.

PUBLICATIONS—Professor Macbride, the President, Professors Loos, Ansley, Richards, Fairbanks, Becker.

SECONDARY SCHOOLS AND ENTRANCE EXAMINATIONS—Professors Calvin, Bolton, Shimek, Rockwood, Teeters, Brown.

THE COLLEGES

AMOS NOYES CURRIER, LL. D., Dean of the College of Liberal Arts.

CHARLES NOBLE GREGORY, M. A., LL. D., Dean of the College of Law.

JAMES RENWICK GUTHRIE, M. D., Dean of the College of Medicine.

GEORGE ROYAL, M. D., Dean of the College of Homœopathic Medicine.

WILLIAM SUITS HOSFORD, D. D. S., Dean of the College of Dentistry.

EMIL LOUIS BOERNER, PHAR. D., Dean of the College of Pharmacy.

LAENAS GIFFORD WELD, M. A., Dean of the Graduate College.

ISAAC A. LOOS, D. C. L., Director of the Iowa School of Social and Political Science.

FREDERIC E. BOLTON, PH. D., Director of the Summer Session.

ANDREW A. VEBLEN, M. A., Secretary of the Faculty of the College of Liberal Arts.

HARRY SANGER RICHARDS, LL. B., Secretary of the Faculty of the College of Law.

ELBERT W. ROCKWOOD, M. D., Secretary of the Faculty of the College of Medicine.

WILLIAM LE CLAIR BYWATER, M. D., Secretary of the Faculty of the College of Homœopathic Medicine.

ARTHUR FAIRBANKS, PH. D., Secretary of the Faculty of the Graduate College.

THE HOSPITALS

LAWRENCE W. LITTIG, M. D., Director of the University Hospital.

SUSAN G. PARISH, Principal of the Training School for Nurses.

JAMES GRANT GILCHRIST, M. D., Director of the Homœopathic Hospital.

MARY STEWART SIMS, Superintendent of Training School for Nurses, and of the Homœopathic Hospital.

THE LIBRARIES AND MUSEUMS

BERTHA GILCHRIST RIDGWAY, General Librarian.

MERTON LEROY FERSON, LL. B., Law Librarian.

CHARLES CLEVELAND NUTTING, M. A., Curator of the Museum of Natural History.

BOHUMIL SHIMEK, M. S., Curator of the Herbarium.

PUBLIC LECTURES

1902

Sept. 25, Convocation. Address by the President of the University.

Sept. to Dec., Department of English; a course of illustrated lectures on Literary Landmarks of Mediæval England by Dr. Gilchrist.

Oct. 15, Auspices of Sigma Xi, "The Sonora Desert," Professor T. H. Macbride.

Nov. to March, University Lecture Course. Mrs. Bertha Kunz Baker, "If I Were King;" "L'Aiglon;" Leland T. Powers, "Lord Chumley;" "Monsieur Beaucaire;" Samuel Arthur King, Shakesperean Recital, "Hamlet;" Katherine Jewell Everts, "My Lady's Ring;" "The Spanish Gypsy;" Wm. J. Bryan; W. Bourke Cockran.

1903

Jan. 9, Convocation, The Hon. J. G. Schurman, LL. D., President of Cornell University, "Our Philippine Problem."

Jan. 22, Department of Public Speaking, "The Art of Public Speaking," Samuel Arthur King, M. A., of London, England.

Feb. 2, Archæological Institute, "Roman Triumphal Arches," Professor A. L. Frothingham, Jr., of Princeton University.

March 21, Edda and the Scandinavian Department, "Copenhagen and the Thorwaldsen Art Gallery," Professor Daniel Kilham Dodge of the University of Illinois.

March 25, Archæological Institute, "Realism and Idealism in Greek Literature and Art," Professor Paul Shorey of the University of Chicago.

April 6, Archæological Institute, "Ancient Pueblos, Cliff Dwellings, and Mounds," by Professor W. J. McGee of the Smithsonian Institute.

May 7, Auspices of the Comité de l'Alliance Française, "Relations entre la France et les États Unis." Mabilleau.

Oct. to June, Department of Botany: Illustrated lectures weekly on topics connected with plant structure and plant life.

Nov. to May, Department of Geology: Illustrated lectures by Professor Calvin.

Feb. to March—Four lectures on Comparative Linguistics by Professors Potter, Eastman, Flom, and Dr. Hagen.

Nov. to April—Department of Greek Archæology. Occasional illustrated lectures on Greek History and Greek Art by Professor Fairbanks.

ORGANIZATION OF THE UNIVERSITY

The State University of Iowa is an integral part of the public school system of the state. As required by law, the work of the University is based upon the preparation afforded by the duly accredited high schools of the state, whose graduates are admitted to the undergraduate and professional courses upon presentation of the proper certificates. A sense of this vital connection with the public schools determines, in a large measure, the requirements for admission to the University, its spirit, and its course of study.

The control of the University is intrusted to a Board of Regents, consisting of the Governor of Iowa and the Superintendent of Public Instruction *ex-officiis*, and of one member elected by the General Assembly from each of the eleven congressional districts.

The University is administered through^{*} the following organizations:

THE COLLEGE OF LIBERAL ARTS, including Engineering and the Summer Session;
THE COLLEGE OF LAW;
THE COLLEGE OF MEDICINE;
THE COLLEGE OF HOMOEOPATHIC MEDICINE;
THE COLLEGE OF DENTISTRY;
THE COLLEGE OF PHARMACY;
THE GRADUATE COLLEGE;
IOWA SCHOOL OF POLITICAL AND SOCIAL SCIENCE AND OF COMMERCE;
THE HOSPITALS;
THE NURSES' TRAINING SCHOOLS.

MATERIAL EQUIPMENT

BUILDINGS

The University at present occupies seventeen buildings beautifully situated on the Old Capitol grounds and the city park at the business center of Iowa City. The buildings are named in the order of their erection; the Old Capitol, the birthplace of the state, is devoted to the administrative offices and College of Law; North Hall contains the lecture rooms and laboratories of the department of Physics; the Clinton Street Building is the temporary home of the department of Physiology; the Natural Science Hall contains the museum of Natural History, and the laboratories of the departments of Geology, Botany, Zoology, and Animal Morphology; the Chemical Laboratory contains the department of Chemistry of the Colleges of Liberal Arts and of Medicine, and the laboratories of the College of Pharmacy; Close Hall is the home of the Young Men's and Young Women's Christian Associations, and, temporarily, of the six literary societies; Dental Hall is given wholly to the College of Dentistry; the Hospital of the College of Homœopathic Medicine, and the Hospital of the College of Medicine, are modern structures; the Armory is the headquarters of the military department; a modern central heating, lighting, and power plant is connected by an underground brick tunnel with all the buildings on the west campus; the Hall of Liberal Arts is 120 x 260 feet on the ground, and contains ninety-two recitation rooms, seminary rooms, offices, waiting rooms for men, waiting room for women, and a general lecture hall. The style of the building harmonizes with the Old Capitol. It is built of Bedford stone, fireproof throughout. The State Historical Society and the General University Library are temporarily lodged in this fireproof building.

On the foundations of old South Hall is a temporary structure devoted to the department of Engineering and the shops. The basement of the Medical Hall, recently burned, is used

for the dissecting room, and the improvised structure upon the old foundations affords a comfortable amphitheater and lecture room for the department of Medicine. The departments of Pathology and Histology occupy well-lighted rooms on the ground floor in the Hall of Liberal Arts.

Two buildings in the new medical quadrangle will be completed in the summer of 1903. Both will be of Bedford stone with granite foundations, and fire proof. They will have the best modern equipment for the laboratories of bacteriology, pathology, histology, physiology, and anatomy.

THE UNIVERSITY LIBRARIES

The General Library contains more than 65,000 volumes, not including a large number of unbound pamphlets. There are libraries for the different Colleges, and departmental libraries. The reading rooms of the several libraries are liberally supplied with general and technical periodicals.

THE LABORATORIES

The more important laboratories are as follows: The Chemical; the Pharmaceutical; the Physical; the Psychological; the laboratories of Animal Morphology and Physiology; of Zoology; of Geology and Paleontology; of Botany; of Pathology and Bacteriology; of Histology; of Physiology; and of Otology. There is a students' astronomical observatory.

THE NATURAL HISTORY COLLECTIONS

are equal in extent and value to any found in connection with a Western university. The Museum of Natural History contains the zoological, the ethnological, and part of the geological collections. The botanical material is in the Herbarium under the charge of the department of Botany, and most of the geological specimens are in the rooms occupied by the department of Geology.

THE UNIVERSITY PUBLICATIONS

The following series of publications are now issued by the University: Natural History Bulletin, preserving a record of the work done in Botany, Geology, and Zoology; The Transit, devoted to Engineering; The Law Bulletin; The

Bulletin of the Homœopathic Medical College; The State University of Iowa Studies in Psychology; The State University of Iowa Studies in Sociology, Economics, Politics, and History; Documentary Material Relating to the History of Iowa, published in part by the State Historical Society. The University News Bulletin is a monthly resumé of items of interest in the University.

LITERARY AND SCIENTIFIC SOCIETIES

The literary and scientific societies maintained by the faculties and students of the University afford an important means of general culture, scientific research, and literary and forensic training. The societies thus organized are: The Baconian Club; The Political Science Club; The Whitney Society; The English Club; Phi Beta Kappa; Sigma Xi; Irving Institute, Zetagathian Society, and Philomathean Society for young men; Hesperian Society, Erodelphian Society, and Octave Thanet Society for young women; The Hammond Law Senate; The Forum; The Engineering Society; The Hahnemannian Society; The Middletonian Medical Society; E. L. B. Club. Among the purely literary clubs are Tabard, Polygon, Ivy Lane, and a group of societies in the English department.

RELIGIOUS INFLUENCES

The University extends a cordial welcome to students of all denominations. The churches of the city, in which the members of the faculties are a large factor, take a deep interest in the welfare of the students, whom they cordially invite to share in their religious activities and social life.

There are fifteen churches in Iowa City, representing twelve denominations.

The Young Men's and Young Women's Christian Associations are open to all students, and naturally constitute the center of the religious life of the University, while undertaking all the phases of moral and Christian work properly within the scope of such organizations.

DEAN OF WOMEN

While women have always shared all the opportunities of the University on absolutely equal terms with men, it has

been deemed expedient to appoint a Dean of Women, armed with large powers, to act as special representative and adviser for the women in all the departments and Colleges of the University, whether graduate or undergraduate, academic or professional.

PHYSICAL TRAINING AND ATHLETICS

The University authorities encourage Physical Training in such amount and of such a character as is compatible with and promotive of the higher objects of the University. Intercollegiate contests are carefully controlled in order to eliminate professionalism and other objectionable features.

HOSPITALS

The two hospitals connected with the University afford the best of care and treatment for students seriously ill. The attention of generous friends of the University is here called to the desirability of providing free hospital service for such students as are unable to meet the expenses incident to protracted illness while away from home.

SELF-SUPPORT

While it is impossible for the University to guarantee that any student will be able to earn his way in whole or in part, it is just to state that it rarely happens that a student needing to do this fails to secure employment of some kind. Iowa City is a city of 8,000 inhabitants, friendly to the University, and glad to give work to deserving students. The University faculties interest themselves to aid these students in finding employment, and the Y. M. and Y. W. C. A. have established a free labor bureau which is at the service of the students. The associations make a canvass of the city and find work and suitable lodging and boarding places.

The President and the Deans seek at all times the confidence of impecunious students, and heretofore have been able to give counsel by which students have found the way to remain in the University.

FACULTY OF INSTRUCTION

GEORGE EDWIN MACLEAN, B. A., 1871; M. A., 1874, Williams; B. D., 1877, Yale; PH. D., 1883, Leipzig; LL. D., 1895, Williams.

President, 1899.† 603 College St. (2 Old Capitol)

ISAAC ALTHAUS LOOS, B. A., 1876; M. A., 1879, Otterbein; B. D., 1881, Yale; D. C. L., 1898, Penn Coll.

Professor of Political Economy and Sociology, and Director of the School of Political and Social Science, 1889.

22 E. Bloomington St. (205 Liberal Arts)

WILLIAM CRAIG WILCOX, B. A., 1888; M. A., 1891, University of Rochester.

Professor of American History, and Head of the Department of History, 1894. 629 N. Dubuque St. (222 Liberal Arts)

BENJAMIN FRANKLIN SHAMBAUGH, B. PH., 1892; M. A., 1893, Iowa; PH. D., 1895, Pennsylvania.

Professor and Head of the Department of Political Science, 1895. 219 N. Clinton St. (202 Liberal Arts)

HARRY GRANT PLUM, B. PH., 1894; M. A., 1896, Iowa.

Professor of European History, 1900. 222 Fairchild St. (315 Liberal Arts)

* WILLIAM ROLLA PATTERSON, B. Di., 1888; B. S., 1889, Iowa State Normal; B. PH., 1895, Iowa; PH. D., 1898, Pennsylvania.

Assistant Professor of Statistics and Economics, 1898. 505 Washington St. (209 Liberal Arts)

THE REV. GEORGE LUTHER CADY, B. A., 1890, Olivet College.

Lecturer on Sociology, 1900. 725 N. Linn St

FRANK EDWARD HORACK, B. PH., 1897; M. A., 1899, Iowa; PH. D., 1902, Pennsylvania.

Instructor in Political Science, 1902. 120 N. Dodge St. (220 Liberal Arts)

MARGARET A. SCHAFFNER, B. A., 1895, Emporia; M. A., 1899; PH. D., 1902, Wisconsin.

Instructor in Sociology and Economics, 1902. 114 N. Capitol St. (205 Liberal Arts)

*Absent on leave.

PAUL SKEELS PEIRCE, B. PH., 1897, Cornell; PH. D. 1900,
Yale.

Instructor in History, 1902. 124 Church St. (223 Liberal Arts)

JACOB E. CONNER, B. A., 1891, Iowa.

Assistant Instructor in Commerce and Finance, 1900.
222 Ronalds St. (208 Liberal Arts)

THOMAS WARNER MITCHELL, B. A., 1900, University of
Washington.

Assistant Instructor in Economics and Statistics, 1902.
522 E. Bloomington St. (208 Liberal Arts)

THEODORE J. SAAM, B. S., 1898, Lenox.

Fellow in History, 1902. 324 Davenport St. (223 Liberal Arts)

JOSEPH HARDING UNDERWOOD, B. A., 1902, Western Col-
lege.

Scholar in Economics, 1902. 307 Iowa Ave. (205 Liberal Arts)

JOHN MILTON MEHAFFEY, B. PH., 1902, Iowa.

Scholar in Sociology, 1902. 318 S. Clinton St. (205 Liberal Arts)

SCOPE AND PURPOSES OF THE SCHOOL

The Iowa School of Political and Social Science, established by the Board of Regents in June, 1900, embraces the following departments of instruction: History; Political Economy and Sociology, including Commerce; and Political Science. It provides courses in ancient and modern history, in the several branches of Economics including Commerce, Finance and Statistics, in theoretical and practical Sociology, and in Political Science including Public Law and Jurisprudence.

The aim of the School is to give a complete general view of all the political and social sciences and to foster the further development of all of the branches thereof. Its more immediate and practical object is to prepare the students of the University for the intelligent exercise of the rights and duties of citizenship in a free commonwealth, and to fit them for the various branches of the public service and for the wider avenues of business. It aims furthermore to supplement by courses in public law and comparative jurisprudence the instruction in private municipal law given by the Faculty of Law, and to give to those who intend to make journalism their profession adequate training in historical, economic, and legal subjects. Finally it aims to educate teachers of the several branches of political and social science.

ADMISSION TO UNDERGRADUATE STUDY

Undergraduate study in the School of Political and Social Science is conditioned on admission to the College of Liberal Arts and subject to the regulations defining the courses of study leading to the bachelor's degree under the operation of the elective system, defined below.

THE BACHELOR'S DEGREE

The requirements for the respective baccalaureate degrees

are stated below under the Elective System for undergraduates, and the requirements for B. A. and B. Ph. are specifically indicated in the statement of the general course in Political and Social Science on page 23. No student will be allowed, without permission, to change an elected course, nor to pursue more than sixteen nor less than fifteen hours at a time.

SPECIAL OR UNCLASSIFIED STUDENTS

Persons twenty-one years of age, not candidates for a degree, may be admitted as unclassified students without examination, except in English, and may pursue studies at the discretion of the faculty on the recommendation of the professors in charge of the subjects chosen. Also persons under twenty-one years of age not candidates for a degree, admitted to the College without conditions, whose reasons for irregular work are approved by the faculty, may be registered as unclassified. Unclassified students are subject to the same requirements as regular students as to amount of work to be carried, examinations, and scholarship.

THE ELECTIVE SYSTEM FOR UNDERGRADUATES

The scope of elective and required studies will be indicated by a brief statement of the requirements of the several undergraduate courses of study which lead to a baccalaureate degree.

The prescribed studies leading to the B. A. degree are for the freshman year: Greek, five hours a week, throughout the year; Latin, 3; English, 2; History, 2; and Mathematics, 4. And for the sophomore year: Greek, five hours; and English, 3. This leaves the student free to elect seven or eight hours a week throughout the sophomore year (fifteen or sixteen hours being regarded as full work), while during the junior and senior years all of his work is elective with only the condition that of the possible electives in the sophomore, junior, and senior years, at least forty semester hours shall be taken in language and literature, political and social sciences, or philosophy and education. The requirements in the philosophical course leading to B. Ph. degree are substantially the same; but German or French are to be

substituted for the prescribed Greek. In the general scientific course leading to the B. S. degree the prescribed studies are similar to those of the philosophical course; but physics is required in place of Latin and History, and electives are limited mainly to courses in the material sciences, except in the senior year.

The student, therefore, who desires to do special work in the political and social sciences, will naturally elect a course, leading to the degree of B. A. or B. Ph., but a student who is pursuing a special course in Commerce or Industry may desire to specialize so far in applied Science as to make it desirable for him to elect a course leading to the degree of B. S. If he wishes to specialize in the Iowa School of Political and Social Science he should in each semester of his sophomore year select at least two of the courses open to him in history, politics, and economics.

The courses specifically recommended for this purpose are: Political Science 1 and 2, and Political Economy 1 and 6. He may thereafter pursue his chosen subjects throughout two years; these years he may, if he choose, devote entirely to his specialty.

GENERAL AND SPECIAL COURSES IN POLITICAL AND SOCIAL SCIENCE

To guide students who propose to elect all or a considerable portion of their undergraduate work in the School of Political and Social Science a general course in political and social science is announced below in which the specific requirements for the degree of B. A. and the degree of B. Ph. respectively are printed in heavy face type to distinguish these requirements from the other parts of the course which are in the nature of advice and suggestion. Following this general course of study a series of special courses are announced in Commerce, Administration, Statistics, Modern History, and Practical Philanthropy.

These courses of study, both the general and special, will be found below. Students may, in consultation with heads of departments, group their electives with special reference to some definite line of inquiry or in preparation for some definite pursuit.

COMBINED LIBERAL ARTS AND LAW COURSE

Students of the College of Liberal Arts who have completed their junior year and are entitled to senior standing at the beginning of the University year may be enrolled in the College of Law and receive credit for one year's time of law study while completing their senior year in the College of Liberal Arts, by complying with the following conditions: They must schedule for five hours a week in the College of Law in the subjects of the first year, given throughout the year at 9 o'clock; and for five hours of prescribed electives and five hours of free electives in the College of Liberal Arts. The five hours of prescribed electives must be courses in the College of Liberal Arts approved by a joint committee of the College of Liberal Arts and the College of Law from the group of subjects embracing Political and Social Science, including political and institutional history. Students thus scheduled and earning credit for Elements of Jurisprudence, International Law, and Constitutional Law in the College of Liberal Arts are excused from Elementary Law, International Law, and Constitutional Law, except Constitutional Limitations, as given in the College of Law, and the grades made by students in such subjects in the College of Liberal Arts will be accepted as credits in the College of Law. Students of this course must, however, with the exception of the absolute equivalents above enumerated, pass examination in all the subjects of the law course prior to graduation. It is further provided that the student who has gained a time equivalent of ten semester hours by carrying extra work during his second and third years, or by attendance upon summer sessions of the University, may schedule for ten hours of Law and five hours of Liberal Arts subject to the rules of the University governing permission to carry extra work. The ten semester hours of credit allowed in the College of Liberal Arts for work done in the College of Law will be granted only to those who have registered in the Combined Course and conformed to its conditions.

Students in the College of Law not candidates for a Liberal Arts degree may take work in the College of Liberal Arts not to exceed five hours per week so long as they maintain a good standing in their law studies and do this elected work to the satisfaction of the professors in charge.

GENERAL COURSE IN POLITICAL AND SOCIAL
SCIENCE

FRESHMAN YEAR

Greek 5 hours (if candidate for B. A.), or **German** 5, or **French** 5 (if candidate for B. Ph.); **Latin** 3; **English** 2; **History** 2; and **Mathematics** 4.

SOPHOMORE YEAR

Greek 5, (if candidate for B. A.), or **German** 3, or **French** 3, (if candidate for Ph. B.); **English** 3; Politics 3; Economics 3; History, Additional Language, Psychology or other science, 2 or 3.

JUNIOR YEAR

<i>First Semester</i>	HOURS	<i>Second Semester</i>	HOURS
English History	3	English History	3
Principles of American Government	3	Comp. State Legislation	3
Economics, or Economics and Sociology	4 or 5	Economics, or Economics and Sociology	4 or 5
Elective	5	Elective	5

SENIOR YEAR

American History	3	American History	3
Economics	3 or 2	Economics.	3 or 2
Politics	3 or 2	Politics	3 or 2
Sociology	2 or 3	Sociology	2 or 3
Elective	4 or 5	Elective.	4 or 5

SPECIAL COURSES

The freshman and sophomore years in preparation for the junior and senior years to be devoted to the special courses outlined in Political and Social Science should be practically the same for all the special courses as the work above outlined for freshmen and sophomores in the general course of Political and Social Science, except that in preparation for

the course in commerce another group of subjects may be substituted.

The special courses here outlined are based on the group principle of election; modifications may be made at the pleasure of the student to bring them more specifically within the scope of his purposes.

COURSE IN COMMERCE

The work of the freshman and sophomore years may be the same as that above outlined for the general course in Political and Social Science; it is recommended that economic geography (economics 31), followed by transportation (economics 10), be elected in addition to economics 1 and 6 in the sophomore year. If the student desires to do special work in applied science he should elect early in his course of study one or more general courses in science. The special attention of those contemplating preparation for certain lines of trade or for certain forms of the public service, for example, the consular service, is called to the importance of an adequate knowledge of modern languages. The University at present offers: German, French, Spanish, Italian, Dutch, and Scandinavian.

JUNIOR OR SENIOR YEAR

<i>First Semester</i>			
	HOURS	<i>Second Semester</i>	
			HOURS
Modern Industrialism . . .	3	Corporation Finance, and	
Currency and Banking . . .	3	Accounting	3
Taxation	2	Public Finance	3
Materials of Commerce . .	4	Transportation	2
Elective	4	Materials of Commerce . .	4
		Elective	4

SENIOR OR GRADUATE YEAR

Commercial Law	3	Commercial Law	3
International Commerce .	2	Commercial Treaties . .	2
International Law	2	Commerce and Consular	
Distribution of Wealth .	2	Service	2
Elective	6	Colonial Government . .	2
		Elective	6

COURSE IN ADMINISTRATION

JUNIOR YEAR

First Semester

HOURS

Second Semester

HOURS

Principles of American Government	3	Contemporary State Legislation	3
Municipal Government	2	Colonial Government	2
Theory and Technique of Statistics	3	Public Finance	3
Modern History	2 or 3	Modern History	2 or 3
Elective	5 or 4	Elective	5 or 4

SENIOR YEAR

Elementary Law	3	Constitutional Law	3
Administrative Law	2	Administrative Law	2
Introduction to Sociology	3	Social Amelioration	3
International Law and Diplomacy	2	Political Philosophy	2
Elective	5	Elective	5

COURSE IN STATISTICS

JUNIOR OR SENIOR YEAR

First Semester

HOURS

Second Semester

HOURS

Business Organization (Economics 29)	3	Corporation Finance and Accounting	3
Theory and Technique of Statistics	3	Economic and Social Statistics	3
Analytics and Calculus	2	Analytics and Calculus	2
Political Economy	3 or 2	Public Finance	3 or 2
Elective	4 or 5	Elective	4 or 5

SENIOR OR GRADUATE YEAR

Advanced Statistics, Seminary work

Advanced Statistics, Seminary work

3

3

The Theory of Probabilities 2

The Theory of Probabilities 2

Administrative Law

Administrative Law

2

2

American History

American History

3

3

Elective

Elective

5

5

COURSE IN MODERN HISTORY

JUNIOR OR SENIOR YEAR

*First Semester**Second Semester*

	HOURS		HOURS
English History	3	English History	3
History of France	2	History of Germany	2
Principles of American Government	3	Comparative State Legislation	3
Political Economy	2 or 3	Public Finance	2 or 3
Elective	5	Elective	5

SENIOR OR GRADUATE YEAR

American History	3	American History	3
Europe in the XIX Century	2	England under the House of Hanover	2
Introduction to Sociology	3	Social Amelioration	3
Local Government	2	Colonial Government	2
Elective	5	Elective	5

COURSE IN PRACTICAL PHILANTHROPY

JUNIOR OR SENIOR YEAR

*First Semester**Second Semester*

	HOURS		HOURS
General Sociology	3	General Sociology	3
Psychology	3	Psychology	3
Modern History	3 or 2	Modern History	3 or 2
Education	3 or 2	Ethics	2
Elective	4 or 5	Elective	5

SENIOR OR GRADUATE YEAR

Applied Sociology	4	Applied Sociology	6
Distribution of Wealth	2	Social Legislation	2
Theory and Technique of Statistics	3	Social Statistics	1
Abnormal Psychology	2	Administrative Law	2
Elective	4 or 5	Elective	5

ADMISSION TO GRADUATE STUDY

Any person known to be a graduate in good standing of an accredited college of liberal arts may be admitted to

Graduate Study. Admission to specific courses of study to be taken in candidacy for an advanced degree, however, can only be granted upon the recommendation of the respective professors in charge of such courses. The special courses above outlined if preceded by three years of general collegiate work may be taken as an indication of the character and scope of work required for the master's degree. The requirements for Master of Arts and Doctor of Philosophy are fully explained below.

College graduates in the professional colleges may become candidates for the Master's degree, while pursuing their professional course, provided they sufficiently extend the period of their residence at the University to perform satisfactorily all the work required for that degree.

There are no tuition fees in the Graduate College. A diploma fee of \$10 is charged for each advanced degree conferred.

FELLOWSHIPS AND SCHOLARSHIPS

No definite announcement can as yet be made regarding the fellowships and scholarships available for the academic year 1903-1904. There are at present twenty-four of these appointments in the University. It is expected that the number for the next academic year will be much larger. In the year 1902-1903 two scholarships and two fellowships were assigned to the School of Political and Social Science.

The value of a scholarship has been fixed at \$125 per year and that of a fellowship at \$225, with exemption from all University fees in each case. In general, a fellowship is granted only to the graduate student of at least one year's standing, while a scholarship may be conferred upon graduation from any accredited college of liberal arts.

SCHOLARSHIPS AND FELLOWSHIPS AT LARGE

Applications for these appointments must be made to the President upon blanks prepared for the purpose and obtainable from any officer of the University. All applications to be acted upon at the spring meeting of the Board of Regents must be submitted before March 1st; those to be acted upon at the June meeting, before May 15th.

The following regulations, adopted by the Faculty of the Graduate College and authorized by the Board of Regents, are in force:

1. Each fellow or scholar will be required to pursue his studies under the direction of the professors in charge of his major and minor courses and to render to the University such services as may be required of him by the President in consultation with the professor in charge of his major course; it being understood that the maximum amount of service to be expected of a scholar shall be the equivalent of teaching three hours or of superintending laboratory work for six hours per week, while that required of a fellow may not exceed twice the above amount.
2. Each student holding a fellowship or a scholarship, shall be in actual attendance at the University throughout the academic year for which he is appointed, unless excused by the President and head of his department.
3. The applicant for a fellowship or a scholarship will be expected to demonstrate his capacity for original research and must give evidence of marked attainments in one or more lines of study. Testimonials from responsible persons as to the general worthiness of the candidate must accompany the application, though no appointment to a fellowship will be made upon recommendations not supported by specimens of the applicant's original work.
4. Each application for a fellowship or a scholarship shall, if approved by the head of the department in which the appointment is sought, be referred by him to the council of the Graduate College. The council shall consider all applications thus approved and referred and submit a report to the Graduate Faculty recommending a list of appointments assigned to the several departments as equitably as may be, the relative qualifications of the several applicants having been accorded due weight. This report, as amended by the faculty, shall, upon the approval of the President, be transmitted to the Board of Regents or its executive committee for final action at the spring meeting.

A second assignment of fellowships and scholarships may be made in the same manner at the June meeting of the Board.

5. All graduate appointments shall be for one year. Both

fellows and scholars may be recommended for re-appointment at the discretion of the council, but for a second year only.

6. Any graduate appointment may be withdrawn at any time upon the concurrent recommendation of the President of the University and the head of the department in which the appointment is held.

SCHOLARSHIPS IN IOWA COLLEGES

The authorities of the University have under consideration plans for establishing one or more graduate scholarships in each of the standard colleges of Iowa, the holders of these appointments to be nominated by the faculties of their respective colleges subject to the general conditions governing the appointment of scholars set forth above.

These scholarships will be first awarded for the academic year 1904-1905. In the next number of the University Calendar a statement of the proposed plan will be published in full.

ADVANCED DEGREES

The Graduate College confers among others the following degrees: Master of Arts, Master of Science, Doctor of Philosophy.

MASTER OF ARTS AND MASTER OF SCIENCE

The degree of Master of Arts, or of Master of Science, will be conferred upon resident graduates under the following conditions:

1. The candidate must be a graduate of this University, or of an accredited university or college.

2. He must have pursued, during one or more years, a course of graduate study at this University, covering one major and one minor subject; in a two years' course, one major and two minors being allowed. His studies during this time are to be under the immediate supervision and control of the professors immediately concerned and to be subject to the approval of the faculty.

3. In all cases the minor or minors must be closely allied to the major subject; provided, however, that any candidate

in residence for two or more years may select a modern language as a second minor in his course.

4. The candidate must submit a thesis of at least 5,000 words showing marked attainment in some branch of learning. The subject of this thesis must be announced to the faculty for approval not later than the second Friday in December, and the thesis itself must be presented to the examining committee at a date to be set by the professor in charge of the thesis work, but not later, in any case, than May 20 of the year in which the degree is expected.

5. He must, at the close of his course, pass a satisfactory examination, both oral and written, conducted by a committee which shall consist of three professors, selected by the faculty for this purpose.

6. A graduate student in any professional college of the University, pursuing work in the Graduate College, may become a candidate for an advanced degree: but two years of such candidacy shall be necessary to fulfill the requirement of one year imposed by rule 2 above, the time to be reckoned from the date of the application for the advanced degree.

7. The degree of Master of Arts will be granted only upon the completion of a course mainly literary in character; the degree of Master of Science, after one mainly scientific.

Non-resident graduates may receive the degree of Master of Arts, or of Master of Science, on complying with the following conditions in addition to or modifying those enumerated for residents. Since October 1, 1900, no candidate *in absentia* has been accepted, and all existing candidacies *in absentia* will lapse in June, 1903.

1. The candidate will be required to outline a course of study, comprising a major and one allied minor subject, which must be approved by a committee of two or more professors appointed to pass upon it.

2. He shall at the close of each academic year present a report, which should comprise a complete synopsis of the year's work, naming topics studied and authors read. These annual reports are expected to be specific and comprehensive.

3. The graduate studies must extend over three years,

although in exceptional cases, where the candidate devotes a large part of his time to study, a shorter course, but in no case less than two years may be accepted.

4. Candidates for the master's degree who have graduated elsewhere are required to spend at least one year in residence at this University.

DOCTOR OF PHILOSOPHY

The degree of Doctor of Philosophy will be granted under the following conditions:

I. Prerequisites.

1. The candidate must have received the bachelor's degree either from this institution or from some other of equal rank.

2. He must present evidence of having completed a satisfactory amount of undergraduate work in the subjects proposed for investigation for this degree.

3. He must possess a knowledge of French and German at least sufficient for purposes of research.

II. Conditions of Candidacy.

1 At least three years of graduate study will ordinarily be required. Of these, two must be in residence and the last year prior to receiving this degree must be spent at this University.

2. In making formal application for this degree the candidate shall select one major study and one or two minors. The minor study or studies shall be closely allied to the major and shall be such as, with it, to constitute a single field of research.

3. The application of the candidate setting forth the line of research proposed shall be approved and endorsed by the professor or professors under whose direction it is proposed to prosecute the work.

III. Dissertation.

1. On completion of his work the candidate shall submit to the faculty a formal dissertation which shall not only exhibit evidence of original research, but shall in itself be a contribution to the sum of human knowledge.

2. The dissertation must be in acceptable literary form; although its acceptance will depend chiefly upon the subject matter.

3. The subject of the proposed dissertation must be submitted to the faculty not later than the second Friday in October of the year preceding that in which the degree is expected; and a copy of the dissertation, printed or type-written, must be in the hands of the Secretary of the Faculty not later than the 20th day of May of the year in which the degree is expected. In case the dissertation offered is accepted by the Faculty and the candidate passes satisfactorily the examination provided for in the next section following, he shall, prior to receiving his degree, deposit with the librarian of the University twenty-five printed copies of the dissertation so accepted.

IV. Examinations.

1. At such time as may be agreed upon by the candidate and the professors in charge of his work, he shall pass an examination, both oral and written; the examination to be conducted by the professors immediately concerned,—the written privately, the oral in the presence of the faculty. For purposes of this examination five members of the faculty of the Graduate College shall constitute a quorum.

THE LIBRARIES

THE UNIVERSITY LIBRARY

The University Library contains about 65,000 volumes, not including a large number of unbound pamphlets. Reasonable progress has been made toward replacing the 25,000 volumes lost by the fire in 1897, and large orders for new books are constantly being placed. About 375 periodicals are regularly taken by the Library, which receives also the publications of many of the leading societies.

The General Library, which is in charge of a competent Librarian and five assistants, is open daily, except Sunday, from 8:00 a. m. to 10:00 p. m. and occupies, with the rooms of the State Historical Society, the third floor of the new College of Liberal Arts building. It includes the Talbot library, which is a large and valuable collection, originally

containing about 4,500 volumes, somewhat miscellaneous in character, but chiefly pertaining to natural history, explorations, voyages, and travels. It numbers some very rare and valuable sets of books, as well as single volumes, many of them being very old, a few dating from the beginning of the sixteenth century. This collection suffered severely from fire in 1897, but has been rebound and is now being catalogued.

Valuable contributions to the German library, both in books and in money for the purchase of books, have been made by German-American citizens of the state.

THE LIBRARY OF THE STATE HISTORICAL SOCIETY OF IOWA

The library of the Iowa State Historical Society, located in Iowa City, is open for the use of University students. This valuable collection of historical documents is rapidly growing. The society issues its own publications regularly and has on its exchange list the publications of similar societies in the United States as well as a large number of foreign publications and the publications of leading universities both at home and abroad.

THE LIBRARY OF THE COLLEGE OF LAW

The Library contains over ten thousand volumes, comprising a full series of the reports of the Supreme Court of the United States and of the courts of last resort of thirty-six states, including all the series of reports most frequently referred to; also the American Decisions, American Reports, American State Reports, Lawyer's Reports Annotated, English Ruling Cases, a collection of English Reports which (with additions lately made) is almost complete; full series of the Reporter System, and a large collection of law text-books. Students are allowed personal access to the book stacks.

The library is in charge of a regular librarian who renders valuable assistance to the students in the prosecution of their work.

The library room has within the year been greatly improved and enlarged by the removal of partitions and the completion of new galleries. It is open for the use of students from 8 a. m. to 12 m., from 1:30 to 5:30 p. m., and from 7 to 9 p. m. of each day except Saturday, and it is open during the forenoon of Saturday.

HAMMOND HISTORICAL LAW COLLECTION

A valuable collection of twelve hundred volumes, many of them rare, relating principally to the Civil Law and History of the Common Law, was presented to the University by the widow of William G. Hammond, LL. D., the first Chancellor of the College of Law, and is kept in the law library as a separate collection. These books are in special cases, under the charge of the law librarian, and are accessible on request.

FEES

The tuition fee for undergraduates in the College of Liberal Arts is \$25 per annum, payable, \$15 at the beginning of the first semester, and \$10 at the beginning of the second semester.

It has been determined, however, by the Board of Regents, that no student need be excluded from the University by reason of his inability to pay tuition. Application for reduction of tuition, or for exemption therefrom, may be made to the President, and will be considered by the Executive Committee, or by the Board of Regents.

Each candidate for a baccalaureate degree will be required on graduation to pay a fee of \$5.

A fee of \$10 is required of all candidates for the Master's degree, and the same for the degree of Doctor of Philosophy, but otherwise no tuition fee is required of graduate students.

PUBLICATIONS

The Faculty of Political and Social Science are the editors of a series of studies in Sociology, Economics, Politics, and History, of which the following have so far appeared: Vol. 1, Studies in the Politics of Aristotle, and the Republic of Plato, by ISAAC ALTHAUS LOOS. The University Press, 1899, pp. 296. Vol. 2, No. 1, The Early History of Banking in Iowa, by FRED D. MERRITT, M. A., Ph. D. The University Press, 1900, pp. 150. Vol. 2, No. 2, The Development of Political Thought in Japan, by KIVOSHI KAWAKAMI, 1903.

THE POLITICAL SCIENCE CLUB

The Political Science Club is devoted to the cultivation and advancement of the political and social sciences. The

club has held regular meetings since October, 1896. A formal organization was effected in January, 1897. The club now holds fortnightly sessions from October to May each year. At these sessions papers are read by members or by invited guests, presenting the results of original investigation in some subject in any one of the following group of sciences: History, economics, sociology, politics, law, education, and ethics. The membership of the club is limited to the faculties of instruction in the several departments interested.

OUTLINE OF THE PLAN OF INSTRUCTION

HISTORY

PROFESSOR WILCOX; PROFESSOR PLUM, AND DR. PEIRCE.

A. ELEMENTARY COURSES

1. HISTORY OF GREECE—Text-book, lectures, and assignments. This is primarily a course in methods of historical study in which the history of Greece is taken for practical illustration. This course is intended for first year students. Professor PLUM, and Dr. PEIRCE.

First semester; two hours a week.

2. POLITICAL HISTORY OF ROME—Text-book and lectures. This course is a study of the constitutional history of the Republic, the organization of the Provincial system, the legal administration and the constitutional monarchy down to the third century of the Christian era. This course also is designed for first year students. Professor PLUM, and Dr. PEIRCE.

Second semester; two hours a week.

3. HISTORY OF FRANCE—Text-book and lectures. This course is an outline history of France to 1789. It consists of a study of the monarchical institutions of France, the relation of France to the papal system and to the growth of general European civilization. The course is primarily designed for Sophomores. Professor PLUM, and Dr. PEIRCE.

First semester; two hours a week.

4. HISTORY OF GERMANY—Text-book and lectures. The topics under discussion in this course are the organization of the German Kingdom and the Holy Roman Empire, the struggle with the Church, the relation to the Protestant

Revolution, and the development under the House of Hapsburg. This course also is designed for Sophomores. Professor PLUM, and Dr. PEIRCE.

Second semester; two hours a week.

5. THE HISTORY OF EARLY AND MEDIEVAL ENGLAND—
This course consists of topical analyses, special assignments, and lectures. It is an outline study of English History from the beginning of English national life to the close of the War of the Roses. The central theme is the development of English political institutions. The social, economic, literary, and religious life of the people is studied in its relation to the political development of England. Professor PLUM.

First semester; three hours a week.

6. THE HISTORY OF ENGLAND UNDER THE TUDORS AND STUARTS—Topical analyses and lectures. The course covers the History of England from the end of the fifteenth century to the opening of the eighteenth. Special attention is given to the outworking of those complex forces of national life which have made England the foremost body politic in the modern states-system of Europe. Professor PLUM.

Second semester; three hours a week.

B. COURSES FOR GRADUATES AND UNDERGRADUATES

7. THE RENAISSANCE AND THE PROTESTANT REVOLUTION.—This course includes a summary of the Renaissance movement and an analysis of the factors of the Protestant Revolution. Course 4 is recommended as a preliminary to this course. Professor PLUM.

First semester; two hours a week.

8. METHODS OF HISTORICAL STUDY AND CRITICISM.—
This course is designed for those who wish to specialize in the study and teaching of History. The first part of the semester will be devoted to a discussion of the canons of criticism, internal and external, supplemented by special assignments illustrating the discussion. The second part of the semester will be devoted to constructive work in bibliographies and the handling and organization of materials. Professor PLUM.

Second semester; two hours a week.

9. THE DEVELOPMENT OF THE CONSTITUTION OF THE UNITED STATES—This course is a series of lectures to advanced students. The lectures aim to present the various steps which led to the establishment of the Constitution of the United States in 1789. The struggle between the states of Europe for domination in America, the reasons for the English victory and the growth of the movement for independence constitute the subject-matter under consideration. Professor WILCOX.

First semester; three hours a week.

10. THE HISTORY OF THE UNITED STATES UNDER THE CONSTITUTION—This course consists of lectures on the development of national political life under the Constitution from its establishment in 1789 to the outbreak of the Civil War. Professor WILCOX.

Second semester; three hours a week.

11. THE EASTERN QUESTION—This course is a study in contemporary old-world politics. The Eastern Question is considered with reference to Europe, Asia, and Africa. Professor WILCOX.

First semester; two hours a week.

12. ENGLAND UNDER THE HOUSE OF HANOVER—This is a lecture course covering the last two centuries of English History. The course is open to those students who have already had courses 5 and 6 or their equivalents. Professor WILCOX.

Second semester; two hours a week.

13. THE FRENCH REVOLUTION—This is a lecture course covering the period of European History from 1789 to 1799. An attempt is made to consider the movement both as a political episode in France and also as an epoch in the general history of Europe. Professor WILCOX.

First semester; two hours a week.

14. THE NAPOLEONIC ERA IN EUROPE—This is a lecture course comprising the history of Europe from the overthrow of the Directory in 1799 to the fall of Napoleon and the Congress of Vienna in 1815. Professor WILCOX.

Second semester; two hours a week.

C. COURSES OPEN TO GRADUATES ONLY

15 (16). SEMINARY IN UNITED STATES HISTORY—This is a course of special research in some particular field of United States History. The aim is to develop methods of independent investigation as well as to gain an exhaustive knowledge of some one phase of our national life. In exceptional cases undergraduates of unusual preparation are admitted to this course. Professor WILCOX.

Two hours, once a week, throughout the year.

17 (18). SEMINARY IN EARLY ENGLISH INSTITUTIONS—This course is open only to graduates of exceptional ability for the work of investigation. A good knowledge of English and Continental History is an indispensable prerequisite. The work of research is designed to develop individual power of investigation as well as to consider the ground-work of English political life. The course consists of a study of the political institutions of the English people prior to the Norman Conquest. Professor WILCOX.

Two hours, once a week, throughout the year.

POLITICAL SCIENCE

PROFESSOR SHAMBAUGH; DR. HORACK

For undergraduate students the beginning courses offered in the department of Political Science are 1 and 2. Students who desire to elect but one year's work in this department are advised to schedule for these courses. Those who expect to pursue a more extended line of study in political and social science are advised to schedule for these courses in their second or sophomore year.

Courses 5 and 6 constitute a liberal introduction to the study of law, and are arranged for the combined College of Liberal Arts and Law Course.

A. ELEMENTARY COURSES

1. HISTORICAL AND DESCRIPTIVE POLITICS—AN INTRODUCTION TO POLITICAL SCIENCE—In the study of political and social science this course is fundamental, being a general introduction to the phenomena of organized society among men. The scope of the lectures may be briefly indicated as follows: The early history of mankind, wherein

evolution and the fundamental laws of human progress will be explained and their application to the development of social and political institutions clearly indicated; a general consideration of Anthropology with reference to its bearing upon the study of the political and social institutions of the Indo-European peoples; the origin of government historically considered; the political institutions of the ancient Greeks, and a consideration of their political ideas and ideals; the political institutions of the Romans, and a consideration of their contributions to Public Law and Jurisprudence; primitive Germanic institutions, especially the markgenossenschaft; Mediæval politics—feudalism, and the Church and State. Professor SHAMBAUGH.

First semester; Mon., Wed., Fri., at 8:00.

Open to all students except freshmen.

2. MODERN GOVERNMENTS—Lectures on the governments of France, Germany, Prussia, Switzerland, Belgium, and England. Professor SHAMBAUGH.

Second semester; Mon., Wed., Fri., at 8:00.

Open to all students except freshmen.

3. PRINCIPLES OF AMERICAN GOVERNMENT—A study of the sources and early development of the principles of government in the United States. Herein our Anglo-Saxon inheritance, government in the colonies, growth toward independence and union, the establishment of the first state governments, and the beginnings of local government will be considered. The following documents will be studied and analyzed: Magna Charta, the Act of Habeas Corpus, the Petition of Right, the Bill of Rights, Colonial Charters, Plans for Union, The Declaration of Independence, Articles of Confederation, the First State Constitutions, and the Constitution of the United States.

Lectures and collateral readings. An outline is prepared for the class in the study of Colonial Charters and First State Constitutions. DR. HORACK.

First Semester; Mon., Wed., Fri., at 11:00

Open to juniors and seniors.

4. COMPARATIVE STATE LEGISLATION—A study of present problems. Herein particular attention will be given to the growth of trusts and corporations, showing the diversity of

provisions for their organization and control, as well as the causes tending toward greater uniformity of law embodied in Federal legislation. State and Federal statutes and decisions will be studied and compared. The course will be non-technical. Dr. HORACK.

Second Semester; Mon., Wed., Fri., at 11. 00.

Open to juniors and seniors.

B. COURSES OPEN TO GRADUATES AND UNDERGRADUATES

5. JURISPRUDENCE—A study of the nature, definition, classification, and divisions of law. This course will include lectures on the history and fundamental principles of the Civil Law of Rome and the Common Law of England. The discussions will be largely non-technical. Recommended in the Combined College of Liberal Arts and Law Course. Open to juniors and seniors. Professor SHAMBUAGH.

First semester; Mon., Wed., Fri., at 10:00.

6. CONSTITUTIONAL LAW—An introductory study of the nature, principles, and powers of government in the United States as reflected in written constitutions and in judicial interpretations. Leading cases in constitutional law will be read and discussed. Recommended in the Combined College of Liberal Arts and Law Course. Open to juniors and seniors. Professor SHAMBAUGH.

Second semester; Mon., Wed., Fri., at 10:00.

7. AMERICAN POLITICAL THEORY—A study of American political ideas and ideals, wherein leading state papers will be analyzed, and the political theories of such representative American thinkers as William Penn, Thomas Paine, Washington, Hamilton, Jefferson, John Adams, Samuel Adams, Madison, Fisher Ames, Marshall, Monroe, Webster, Calhoun, Clay, Alexander Stephens, and Lincoln will be discussed and criticised. Open to juniors and seniors. Professor SHAMBAUGH.

First semester; Tu., Th., at 10:00.

8. AMERICAN POLITICAL THEORY—This will be a continuation of course 7. Open to juniors and seniors. Professor SHAMBAUGH.

Second semester; Tu., Th., at 10:00.

9. MUNICIPAL GOVERNMENT—A study of the organization and administration of city governments. The problems of modern city life. The sphere and functions of municipal governments. Their relation to quasi-public works. Open to juniors and seniors. Dr. HORACK.

First semester; Tu., Th., at 9:00.

10. GOVERNMENT OF COLONIES AND DEPENDENCIES—A study of the history and principles of the various systems of Colonial government and administration, with special reference to American territories and dependencies, the phenomenon of "Expansion," the causes of migration, the diversity in race characteristics, and the conditions necessary for local self-government. Open to juniors and seniors. Dr. HORACK.

Second semester; Tu., Th., at 8:00.

11. IOWA HISTORY AND POLITICS—A course of lectures on the history and politics of Iowa. Professor SHAMBAUGH.

First semester; Tu., Th., at 1:30.

12. POLITICAL SCIENCE CONFERENCE—A weekly conference for the discussion of contemporaneous political problems, current legislation, and current political literature. Professor SHAMBAUGH, and Dr. HORACK.

Saturday morning from 10 to 12.

C. COURSES PRIMARILY FOR GRADUATES

13. COMPARATIVE NATIONAL GOVERNMENTS—A comparison of the provisions of the Constitutions of England, United States, France, Germany, and Switzerland, from both a theoretical and a practical standpoint. Dr. HORACK.

First semester; two hours.

14. THEORIES OF SOVEREIGNTY—A general survey of political theories as to the origin, nature, and limitations of governmental authority in relation to the individual. It is the purpose of this course to show historically the development of ideas concerning the functions and powers of government. Dr. HORACK.

Second semester; two hours.

15. POLITICAL THEORY—In this course a system of pure

political theory will be outlined and correlated with philosophy. Professor SHAMBAUGH.

First and second semesters; two hours.

16. ADMINISTRATIVE LAW—A comparative study of administrative law in France, Germany, England, and the United States. Professor SHAMBAUGH, and Dr. HORACK.

Second semester; two hours.

17. SEMINARY IN POLITICAL SCIENCE—In 1903–1904 selected subjects will be assigned for critical study and discussion. Professor SHAMBAUGH and Dr. HORACK.

Throughout the year; two hours.

POLITICAL ECONOMY AND SOCIOLOGY

PROFESSOR LOOS; ASSISTANT PROFESSOR PATTERSON, MR. CADY, DR. SCHAFFNER, MR. CONNER,
AND MR. MITCHELL

The department of Political Economy and Sociology includes courses in Commerce.

Students who look forward to special courses of study in the School of Political and Social Science are advised to elect the introductory course in economic theory and the course in Economic History (Political Economy 1 and 6) in their sophomore year.

Course 1 is a general introductory course for all courses under B; but juniors and seniors may elect course 5, 6, 7, 9, 10, or 29 as an initial course, after which any of the courses under B are open to them. For courses 15 to 26 inclusive courses 1 and 2 in History, or their equivalent, are accepted as a preparation.

On programmes any of the courses of this department may be cited as Economics followed by the appropriate number; or 1 to 14 and 37 to 40 as Economics, 15 to 26 as Sociology, and 27 to 36 as Commerce.

A. ELEMENTARY COURSES

1. INTRODUCTION TO ECONOMICS—An introduction to the leading principles of economic science. Designed for the general student and as a basis for more advanced studies.

Two sections. Open to all students except freshmen. Assistant Professor PATTISON, and Dr. SCHAFFNER.

First semester; Section A—Mon., Wed., Fri., at 9:00 a. m.; and Section B—Mon., Wed., Fri., at 11:00 a. m.

2. Repetition of course 1. Dr. SCHAFFNER.

Second semester; Mon., Wed., Fri., at 10:00.

3. DEBATING COURSE—Selected topics in economics, politics, and sociology. Open only to students who have taken at least one course in one of these subjects. Students may schedule for this course at the beginning of each semester. It appears in the second semester as Economics 4. Professors LOOS, and WILCOX; Assistant Professor PATTISON, and Dr. SCHAFFNER.

Each semester two hours; time to be arranged.

Students desiring formal instruction in the art of debate are advised to elect Public Speaking 7 (8) in charge of Professor Gordon. For further explanation of the relations of Economics 3 to the courses in public speaking students are referred to Professor Gordon or to the professors in charge of Economics 3. Compare also Public Speaking 15.

B. COURSES OPEN TO GRADUATES AND UNDERGRADUATES

5. PRINCIPLES OF ECONOMICS—Fundamental economic concepts; the organization of industry; the distribution of wealth; the relation of the state to industrial action. Designed as a general survey of economic science for advanced students. Professor LOOS.

First semester; Tu., Th., at 9:00, and a third hour by appointment.

6. ECONOMIC HISTORY—Outlines of economic history, with some notice of the history of economic theory, a study more especially of recent economic history with detailed analysis of the industrial revolution in its economic and social aspects. Special attention will be given to the development of the individualistic philosophy and its reaction on practical politics and legislation—the factory acts, trade-unionism and the trust problem. Open to all students except Freshmen. Professor LOOS, and Dr. SCHAFFNER.

Second semester; Section A—Mon. Wed. Fri. at 9:00.

Section B—Mon., Wed., Fri., at 11:00.

7. CURRENCY AND BANKING—The nature of currency; metallic money and credit instruments; the principles of banking; the history of banking; government demand obligations and credit financing. Professor Loos.

First semester; Mon., Wed., Fri., at 11:00.

8. PUBLIC FINANCE—(1) The Science of Public Finance: the theory of public expenditure; public income and public debts; the preparation of the budget and financial administration. (2) Outlines of the financial history of the United States. Professor Loos, and Mr. CONNER.

Second semester; Mon., Wed., Fri., at 11:00.

9. TAXATION—An intensive study of the principles, methods, and systems of taxation with special reference to the incidence and effect of the several taxes, the federal revenue system in the United states and the revenue system of Iowa. Assigned readings in Seligman's *Essays in Taxation* and other writers with special assignments of topics for reports to be prepared from the original sources. Mr. CONNER.

First semester; Tu., Th., at 9:00.

10. TRANSPORTATION—The course will deal chiefly with railways; railroad organization and management, explanation of terms in common use in railroad accounts and reports, history of railroad development, discussion of rates, competition, discrimination, state management and the commission system—state and interstate. Mr. CONNER.

Second semester; Tu., Th., at 9:00.

*13. THE THEORY AND TECHNIQUE OF STATISTICS—Statistical methods and results, with practical work in investigation and tabulation; the laws that govern group actions; sources and reliability of statistical data; the methods of distinguishing true and false inferences. Assistant Professor PATTERSON.

First semester; Mon., Wed., Fri., at 8:00.

14. ECONOMIC AND SOCIAL STATISTICS—Economic Statistics, two hours; A statistical study of the industrial resources of the United States and commercial statistics. Social Statistics, one hour; Population in its social aspects with special

*Courses 13, 14, 29 and 30 were given in 1902-1903 by Mr. Thomas W. Mitchell who acted as supply in the absence of Assistant Professor Patterson.

reference to modern cities, tenement house conditions, education, crime, and income. Assistant Professor PATTISON.

First semester; Mon., Wed., Fri., at 8:00.

15. THE PRINCIPLES OF SOCIOLOGY—An introduction to the theory of sociology, prefaced by lectures on anthropology and ethnology. Professor LOOS.

First semester; Mon., Wed., Fri., at 9:00.

16. SOCIAL AMELIORATION—(1) The general theory of social amelioration: police, sanitation, charities, correction, public utilities, and education. (2) Municipal administration, dealing with the social and economic problems of modern cities. Professor LOOS, Assistant Professor PATTISON.

Second semester; Mon., Wed., Fri., at 9:00.

17. DOMESTIC INSTITUTIONS—The origins of marriage and the family; evolutionary progress of types; forces leading to the survival of the monogamic type; economic and utilitarian bases of domestic ethics; present industrial dangers to domestic foundations; the problem of divorce. Mr. CADY.

First semester; Tu., Th., at 8:00.

18. CRIME AND CHARITIES—Criminology and penology; pauperism and methods of relief; institutional care of dependants and defectives; philanthropic financing; social settlements. Mr. CADY.

Second semester; two hours, time to be arranged.

19. ECONOMICS OF THE HOUSEHOLD—The evolution of the family and the home; the standard of living among different races; industrial changes in their reaction on the home. The economics of production in relation to the family. The home as the unit of consumption. The significance of the home as a civilizing force. Dr. SCHAFFNER.

First semester; two hours, time to be arranged.

20. THE LABOR PROBLEM—The economic condition of the working classes in Europe and the United States from the beginning of the eighteenth century to the present time. The rise and growth of labor organizations; the development of collective bargaining; industrial arbitration and conciliation. Influence of the philosophy of individualism

on legislation. The principle of state interference in industry. Dr. SCHAFFNER.

Second semester; two hours, time to be arranged.

22. THE MODERN CITY—A sociological study. To be given by Assistant Professor PATTERSON as part of course 16, second semester.

24. SOCIALISM AND CONTEMPORARY SOCIAL LEGISLATION—A critical examination of contemporary socialism and current tendencies in legislation. Professor Loos.

Second semester; time to be arranged.

25. INTERNATIONAL LAW—The nature and sources of international law; the rules of peace and of war; the conflict of laws. The diplomatic and commercial bearings of the subject will receive emphasis. Professor Loos.

First semester; Tu., Th., at 10:00.

26. POLITICAL PHILOSOPHY—Lectures on the development of Political Philosophy and the principles of legislation. The class will read selections from Plato's Republic and Laws, Aristotle's Politics, Machiavelli's Prince, Hobbes, Montesquieu, Blackstone, and Locke; Spencer's *Man vs. the State*, Huxley's *Administrative Nihilism*, Ritchie's *Principles of State Interference*, and selections from other modern philosophers. Professor Loos.

Second semester; Tu., Th., at 10:00.

27. INTERNATIONAL COMMERCE—Studies in the tariff history of the United States, with an inquiry into the proposed reciprocity treaties, prefaced by introductory lectures on the development of international law in its commercial aspects, mercantilism, and the "balance of trade" theory. Mr. CONNER.

First semester; Tu., Th., at 2:30.

28. COMMERCE AND THE CONSULAR SERVICE—Lectures on commercial geography, commercial relations and the consular service; and the critical reading of the United States consular regulations with notes on conflict of laws or private international law and reports from students on assigned topics. Mr. CONNER.

Second semester; Tu., Th., at 2:30.

29. MODERN INDUSTRIALISM—The organization of modern business; competition and combination; speculation and the technique of exchange; industrial depressions; insurance. Assistant Professor PATTERSON.

First semester; Mon., Wed., Fri., at 2:30.

30. CORPORATION FINANCE AND THE THEORY OF ACCOUNTING—Forms of investment; consolidation; bankruptcy, receivership, reorganization; general principles of investment. The principles and methods of accounting—nature of balance sheet and determination of what constitutes a profit; the principles of auditing—the theory of depreciation; going concerns vs. those that have ceased operations. Assistant Professor PATTERSON.

Second semester; Mon., Wed., Fri., at 2:30.

31. ECONOMIC GEOGRAPHY, (Geology 25)—A study of the sources and production of the principal articles of commerce; the influence of climate, topography, soil, and geographical location in creating and supporting trade, locating industrial centers and determining commercial routes. Professor GEORGE.

First semester; Tu., Th., at 11:00.

32 (*Mathematics 18*). INSURANCE—The mathematical theory of Insurance. Dr. WESTFALL.

Second semester; two hours, time to be arranged.

33 (*34*). THE MATERIALS OF COMMERCE—Courses in the Materials of Commerce are at present provided by the departments of Botany and Geology.

35 (*36*). COMMERCIAL LAW—Students during their senior year may schedule in the College of Law for Contracts, Bills and Notes, and similar courses, under the advice of this department, but in no case for more than five hours in one semester.

C. COURSES PRIMARILY FOR GRADUATES

NOTE—*Some of the courses which follow are prescribed for seniors taking special courses in the School of Political and Social Science. Any of these courses are open to undergraduates who have taken the equivalent of 8 semester hours under B.*

39 (*40*). ADVANCED ECONOMIC THEORY—The rise and

development of the classical school of economists will first be considered. This will be followed by a study of the recent development of political economy. The class will read (1) portions of Adam Smith's *Wealth of Nations*, Malthus's *Essays on Population*, Ricardo's *Political Economy*, and Cairnes's *Leading Principles*; and (2) selections from the writings of the Austrians, and from Marshall, Clark, and other modern economists. Professor Loos.

Throughout the year, two hours; time to be arranged.

40 (41). THE DISTRIBUTION OF WEALTH—A study of the fundamental social institutions and controlling forces that are regulative in the distribution of wealth. This is followed by an investigation of the shares received by the several factors engaged in production and also the shares received by the various units of society. Dr. SCHAFFNER.

Throughout the year; hours to be arranged.

45 (46). PROBLEMS IN STATISTICS—Designed to assist advanced students in specific lines of statistical research. Assistant Professor PATTERSON.

Throughout the year; hours to be arranged.

47 (48). GRADUATE SEMINARY—Three distinct lines of special research work are proposed for 1903-1904. Each graduate student in the department will be expected to undertake an intensive study of some aspect of at least one of these general topics. The preliminary investigations and reports will be made in sections; advanced reports and prepared papers will be presented at joint sessions of the sections on alternate Monday evenings.

A. THE LEGAL BASIS OF INDUSTRIAL SOCIETY—Some of the following subjects will be assigned for special investigations: Legal restrictions on private property and the right of contract. The police power of the state in its relation to industrial problems. Factory legislation. And other legislation regulating industrial conditions. In charge of Dr. SCHAFFNER.

B. Social problems of the modern city. In charge of Assistant Professor PATTERSON.

C. Modern tariffs and reciprocity treaties, with supplementary reports and papers on related topics. In charge of Professor Loos, and Mr. CONNER.,

Throughout the year; hours to be arranged.

ALLIED COURSES.

[*Greek.* 13 (14). OLD GREEK LIFE—Lectures, illustrated with lantern slides, books on art, etc.; collateral reading in English and examinations are required of the students; references are also given to important works in French and German for those who can use these languages. The lectures will treat of the characteristics of the land and the people; the Greek house, dress, and mode of life; marriage and funeral customs; markets and trade generally; the duties of citizens in peace and war, etc. Professor FAIRBANKS.

Two hours a week, throughout the year.]

Latin. 31 (32). ROMAN LIFE—This course follows the same lines as the preceding course in Greek life. In general it should be preceded or accompanied by the course in Pliny, and Tacitus (Latin 11). Professor FAIRBANKS.

Two hours a week, throughout the year.

Greek. 21 (22). GREEK HISTORY—An advanced course in Greek History for students who are prepared to make investigations from the original sources. In 1903-1904 the period of the Persian wars will be made the subject of the work. Professor FAIRBANKS.

Three hours a week, throughout the year.

[*Greek.* 23. THE ATHENIAN CONSTITUTION—A study of the constitution of Athens with special reference to its effect on the development of Greek society. The class reads Aristotle's Constitution of Athens (in English translation) and selections from the Politics. Professor FAIRBANKS.

First semester, two hours a week.

This course is intended for students who have had either History 1, or Politics 1.]

[*English.* 85. ANGLO-SAXON LAW AND CUSTOMS.]
Not offered in 1903-1904.

Public Speaking. 5 (6). PUBLIC ADDRESS—The preparation and presentation of an argument as to preliminary reading, structure, evidence, briefing, style, and delivery are carefully developed. The forms of oratory are studied, and one or more illustrated by the work of the student. Professor GORDON.

Throughout the year; three hours a week.

Public Speaking. 7 (8). DEBATE—This course seeks to develop the handling of refutation in the preparation of briefs and forensics and actual debate. Professor GORDON.

Throughout the year; two hours a week.

Public Speaking. 15. DEBATE AND ORATORY — This course is designed for students desiring special work on the preliminary and inter-collegiate debates and the preliminary and oratorical contests for the Northern Oratorical League. Students may schedule for this course at the opening of the first or the second semester. Professor GORDON.

First or second semester; two hours a week.

Philosophy. 1 (2). ELEMENTARY PSYCHOLOGY—A general course designed as an outline study of the whole subject, an introduction to the special courses in psychology, and a foundation for other courses in the department. The lectures will be illustrated by a rich collection of material for demonstration and by experiments before the class. James's *Psychology, Briefer Course*, and selections from other standard texts will be read. This course is open to sophomores. Professor SEASHORE.

Throughout the year, two sections; three hours a week.

Philosophy. 3. INTRODUCTORY LOGIC — An elementary presentation of the methods and rules of inductive and deductive thinking, based upon a preliminary study of the general nature and functions of knowledge and of the criteria of truth. Lectures and recitations. For juniors and seniors. Dr. STUART.

First semester; two hours a week.

Philosophy. 4. INTRODUCTORY ETHICS—A general survey of the field of ethics comprising (1) the psychology of conscience, (2) the theory of morality, and (3) a sketch of the

history of moral progress. Lectures and recitations. For juniors and seniors. Dr. STUART.

Second semester; two hours a week.

Philosophy. 5 (6). HISTORY OF PHILOSOPHY—This course will serve as a general introduction to philosophical problems as well as the history of thought. Attention will be given to the various philosophical problems. The first semester will be devoted to Greek Philosophy, and early Christian and mediæval thought; the second semester, to modern philosophy.

This course should be taken as primarily to all advanced courses in philosophy, and, where possible, should be preceded by the elementary courses in psychology, logic, and ethics. Professor PATRICK.

Throughout the year; three hours a week.

Philosophy. 11. ABNORMAL PSYCHOLOGY—A general survey of the laws of abnormal mental phenomena. Abnormal perception, memory, imagination, reasoning, will, and feeling will be discussed with reference to the explanation of sleep, hypnosis, illusions, automatism, alterations of personality, insanity, degeneracy, and crime. Lectures and reading. Professor SEASHORE.

First semester; two hours a week.

Education. 1 (2). PRINCIPLES OF EDUCATION—The meaning of education. Mental development as affected by heredity and environment. The education of the nervous system, mental hygiene, habit, association, memory, imagination, apperception, instinct, training in sense perception, observation, feeling, and volition in relation to education, motor training, suggestion and imitation as forces in education. Varieties of education and varying ideals, educational means, educational values.

Two sections throughout the year; Mon., Wed., Fri., at 10:00. Professor BOLTON. Mon., Wed., Fri., at 9:00. Mr. DORCAS.

Education. 7 (8). HISTORY OF EDUCATION—A rapid survey of the education of the Chinese, Egyptians, Hindus, and Persians; a careful consideration of Hebrew, Greek, and Roman education; the tracing of educational activity throughou-

the Dark Ages, and Scholasticism, down to the Renaissance; development of the humanistic, realistic, and naturalistic tendencies in Renaissance education; a careful study of the more prominent educational reformers, such as Erasmus, Montaigne, Rabelais, the Jesuits, Comenius, Locke, Rousseau, Pestalozzi, Froebel, and Spencer. Mr. DORCAS, (Mr. HUGGETT, 1902-1903).

Throughout the year; Tu., Th., at 11:00.

Botany. 25 (26). ECONOMIC BOTANY—A lecture, laboratory and field course presenting a view of the plant world with reference to economic uses. Woods and fibres, and special plant products of use to man are considered. Professor SHIMEK.

Throughout the year; one hour a week.

Geology. 9 (10). ECONOMIC GEOLOGY — The course is intended to give a practical knowledge of the geological products of the United States which are of economic importance. It will include:

(a). Metalliferous products, the nature and distribution of ore deposits, the sources and modes of deposition of ores, with special reference to the ores of iron, copper, lead, zinc, nickel, tin, manganese, silver, and gold.

(b). Non-metalliferous products, including coal, petroleum, natural gas, phosphates, gypsum, marls, cements, building stone, etc.; soils, fertilizers, and water supply. Professor GEORGE.

Mon., Wed., Fri. From middle of first semester through the year, at 8:00.

This course should be preceded by course 2 or course 3.

NOTE—This is primarily an undergraduate course but may be taken by graduate students who have done a year's work in geology.

SUMMER SESSION COURSES OFFERED FOR 1903 IN
HISTORY, POLITICAL SCIENCE, POLITICAL
ECONOMY AND SOCIOLOGY.

HISTORY

PROFESSOR PLUM.

i. METHODS OF HISTORICAL STUDY AND TEACHING.—
Lectures and assignments. The course will be illustrated by
the study of documents and investigation of special topics
by the class. Five hours a week.

ii. THE HOLY ROMAN EMPIRE IN THE PROTESTANT REVOLU-
TION. Lectures and readings. Five hours a week.

POLITICAL SCIENCE

PROFESSOR SHAMBAUGH

The courses offered for the Summer Session by the Department of Political Science are intended to facilitate the work of the teachers of Civics in the schools of the state.

i. COMPARATIVE GOVERNMENTS.—This course will be a comparative study of modern European governments. It is believed that a comparative study of foreign governments will help us to understand our own political system. Daily, at 10:00.

ii. IOWA HISTORY AND POLITICS.—In this course emphasis will be placed upon the history of government in Iowa. It is believed that a knowledge of our history will aid in the presentation of our local Civil Government. Mon., Wed., Fri., at 11:00.

iii. THE IOWA CONSTITUTIONS.—This is a special study for students who desire to do advanced work in Iowa Politics. The course will be conducted upon the seminar plan. Two hours. Tu., Th., at 11:00.

POLITICAL ECONOMY AND SOCIOLOGY

PROFESSOR LOOS

i. THE THEORY OF VALUE AND DISTRIBUTION—Mon.,
Wed., Fri., at 10:00.

ii. THE TRUST PROBLEM—The modern organization of
industry; the nature of monopoly and proposed methods of
trust regulation. Tu., Th., at 10:00.

iii. INTRODUCTION TO SOCIOLOGY—A study of the primary
forms and forces of human association. Daily, at 8:00.

iv. CONTEMPORARY SOCIALISM—Sat., at 9:00.

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